



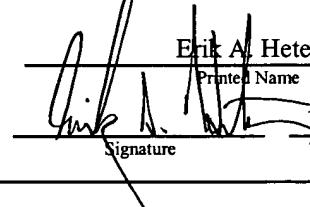
IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Application No.: 09/976,491  
Filed: October 12, 2001  
Inventor(s):  
Michael C. Dorsey

§ Examiner: Trimmings, J.  
§ Group/Art Unit: 2133  
§ Atty. Dkt. No: 5681-55400

Title: ASIC BIST  
CONTROLLER  
EMPLOYING STORED  
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COMPLETION

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§ date indicated below.

  
Erik A. Heter  
Printed Name  
June 15, 2004  
Signature Date

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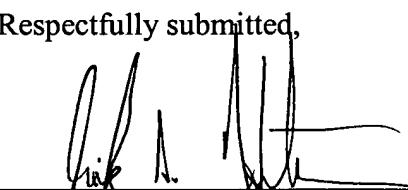
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Alexandria, VA 22313-1450

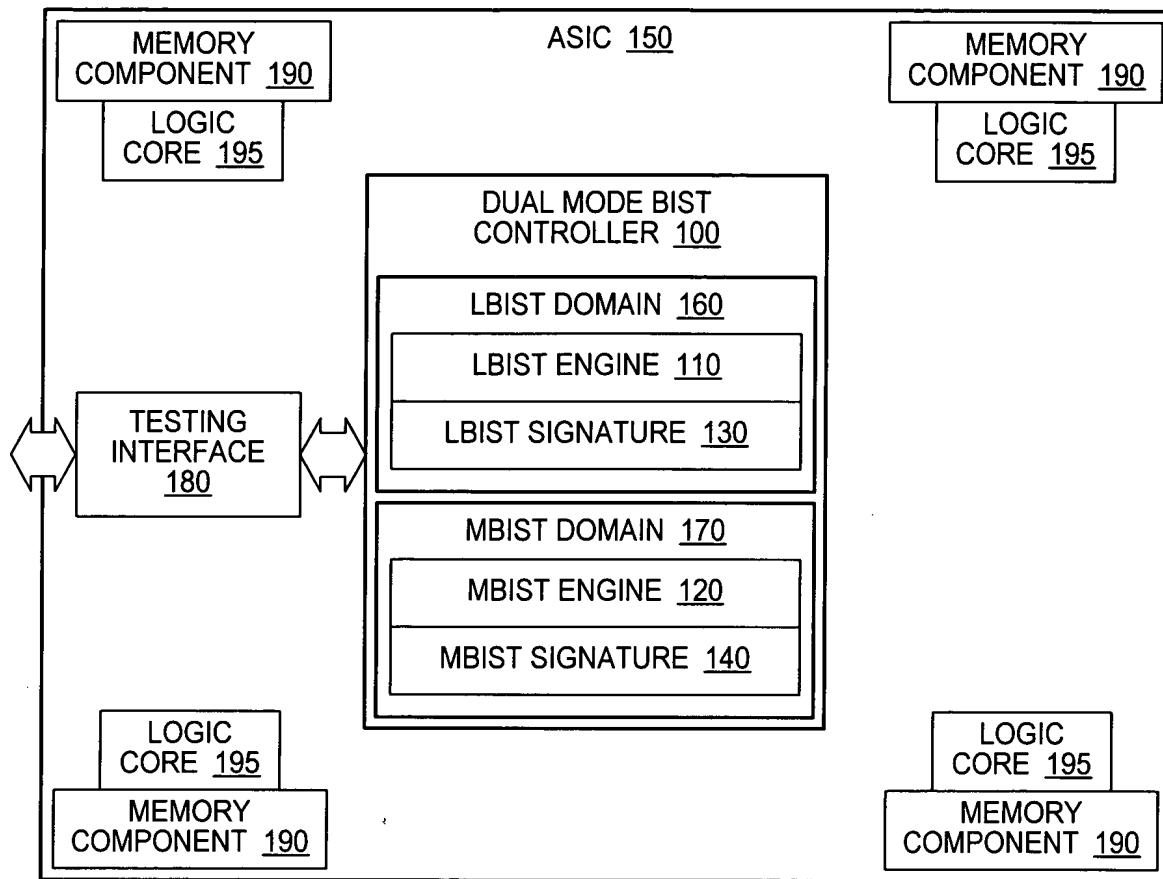
Sir:

Applicant hereby submits the formal drawings for the above-referenced application and requests that these drawings be accepted for filing.

Respectfully submitted,

  
Erik A. Heter  
Reg. No. 50,652  
AGENT FOR APPLICANT(S)

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Date: June 15, 2004



*FIG. 1*

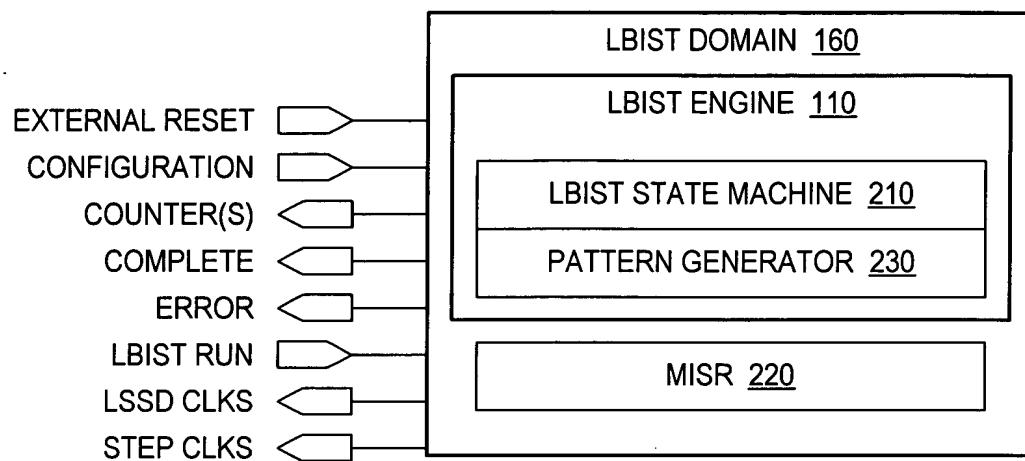
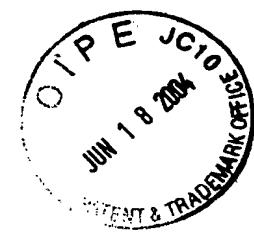


FIG. 2

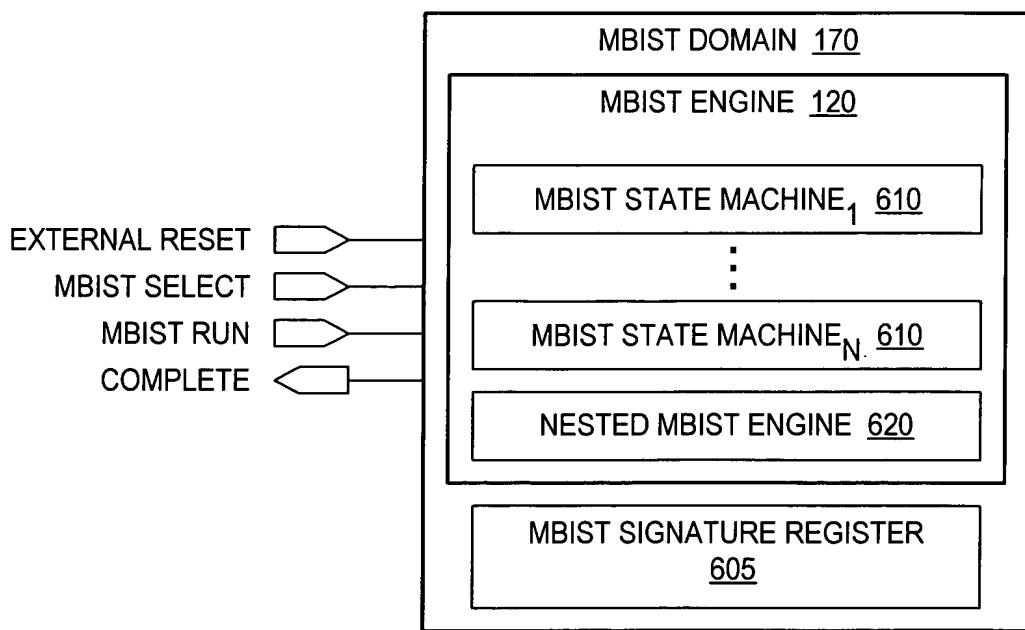
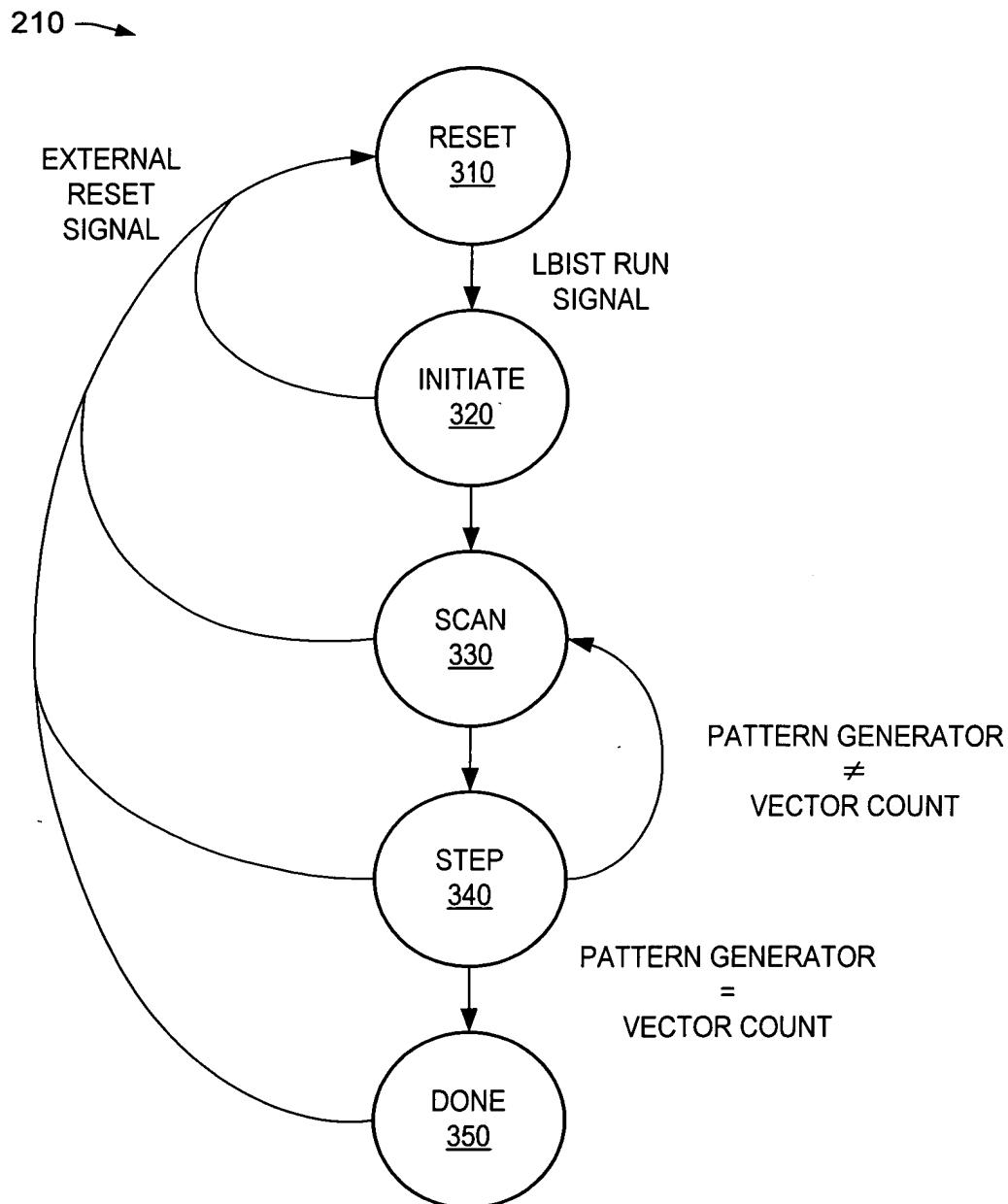


FIG. 6



*FIG. 3*



FIG. 4

|                 |                 |                 |                 |                 |                 |                 |                 |                 |                 |                 |                 |                 |                 |                 |                 |                 |                 |                 |                 |                 |                 |                |                |                |                |                |                |                |                |                |                |
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| B <sub>31</sub> | B <sub>30</sub> | B <sub>29</sub> | B <sub>28</sub> | B <sub>27</sub> | B <sub>26</sub> | B <sub>25</sub> | B <sub>24</sub> | B <sub>23</sub> | B <sub>22</sub> | B <sub>21</sub> | B <sub>20</sub> | B <sub>19</sub> | B <sub>18</sub> | B <sub>17</sub> | B <sub>16</sub> | B <sub>15</sub> | B <sub>14</sub> | B <sub>13</sub> | B <sub>12</sub> | B <sub>11</sub> | B <sub>10</sub> | B <sub>9</sub> | B <sub>8</sub> | B <sub>7</sub> | B <sub>6</sub> | B <sub>5</sub> | B <sub>4</sub> | B <sub>3</sub> | B <sub>2</sub> | B <sub>1</sub> | B <sub>0</sub> |
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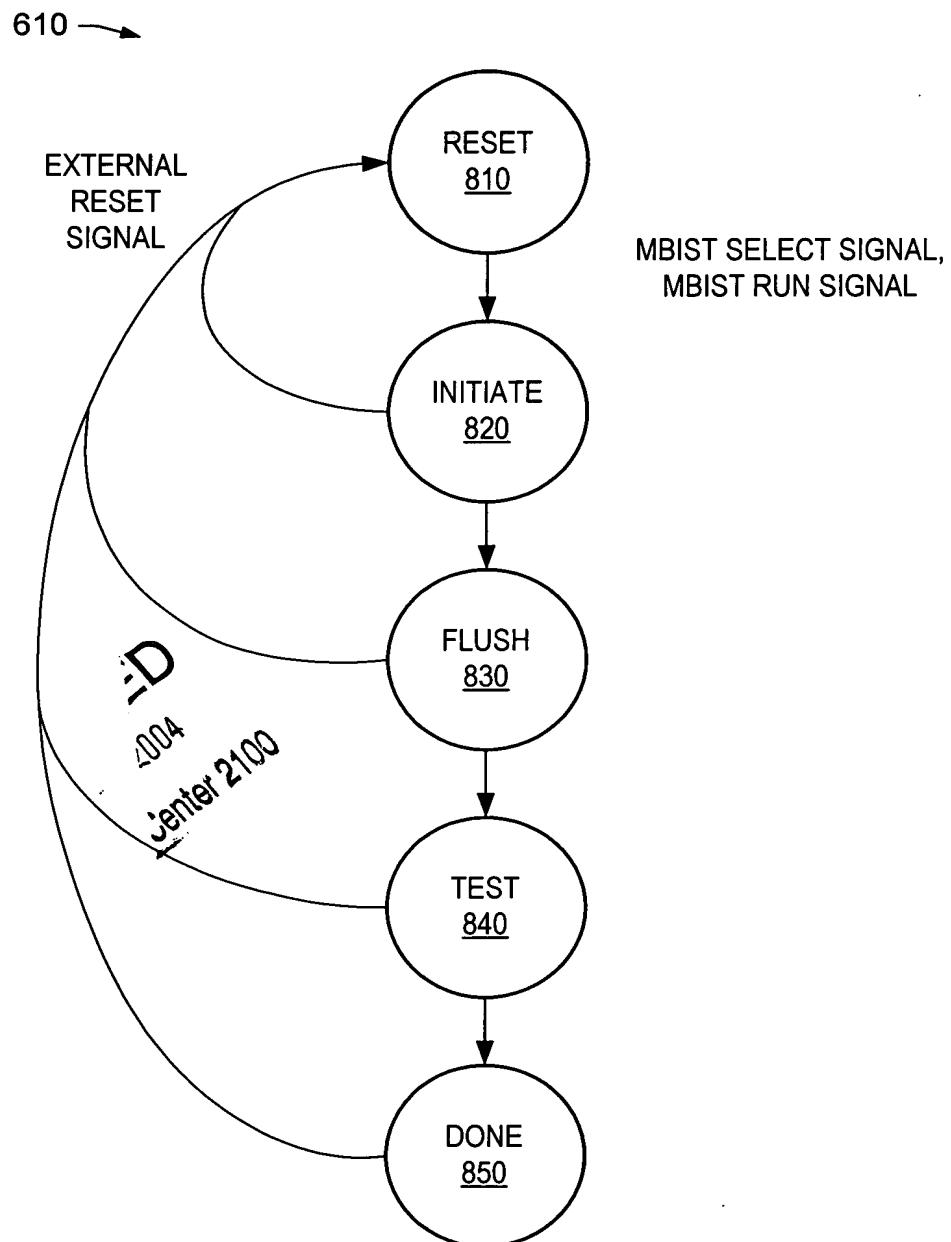
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FIG. 5

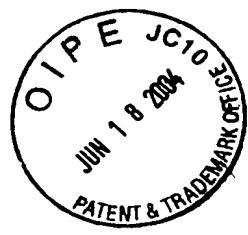
|                 |                 |                 |                 |                 |                 |                 |                 |                 |                 |                 |                 |                 |                 |                 |                 |                 |                 |                 |                 |                 |                |                |                |                |                |                |                |                |                |                |
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| B <sub>30</sub> | B <sub>29</sub> | B <sub>28</sub> | B <sub>27</sub> | B <sub>26</sub> | B <sub>25</sub> | B <sub>24</sub> | B <sub>23</sub> | B <sub>22</sub> | B <sub>21</sub> | B <sub>20</sub> | B <sub>19</sub> | B <sub>18</sub> | B <sub>17</sub> | B <sub>16</sub> | B <sub>15</sub> | B <sub>14</sub> | B <sub>13</sub> | B <sub>12</sub> | B <sub>11</sub> | B <sub>10</sub> | B <sub>9</sub> | B <sub>8</sub> | B <sub>7</sub> | B <sub>6</sub> | B <sub>5</sub> | B <sub>4</sub> | B <sub>3</sub> | B <sub>2</sub> | B <sub>1</sub> | B <sub>0</sub> |
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| B <sub>31</sub> | B <sub>30</sub> | B <sub>29</sub> | B <sub>28</sub> | B <sub>27</sub> | B <sub>26</sub> | B <sub>25</sub> | B <sub>24</sub> | B <sub>23</sub> | B <sub>22</sub> | B <sub>21</sub> | B <sub>20</sub> | B <sub>19</sub> | B <sub>18</sub> | B <sub>17</sub> | B <sub>16</sub> | B <sub>15</sub> | B <sub>14</sub> | B <sub>13</sub> | B <sub>12</sub> | B <sub>11</sub> | B <sub>10</sub> | B <sub>9</sub> | B <sub>8</sub> | B <sub>7</sub> | B <sub>6</sub> | B <sub>5</sub> | B <sub>4</sub> | B <sub>3</sub> | B <sub>2</sub> | B <sub>1</sub> | B <sub>0</sub> |
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FIG. 7

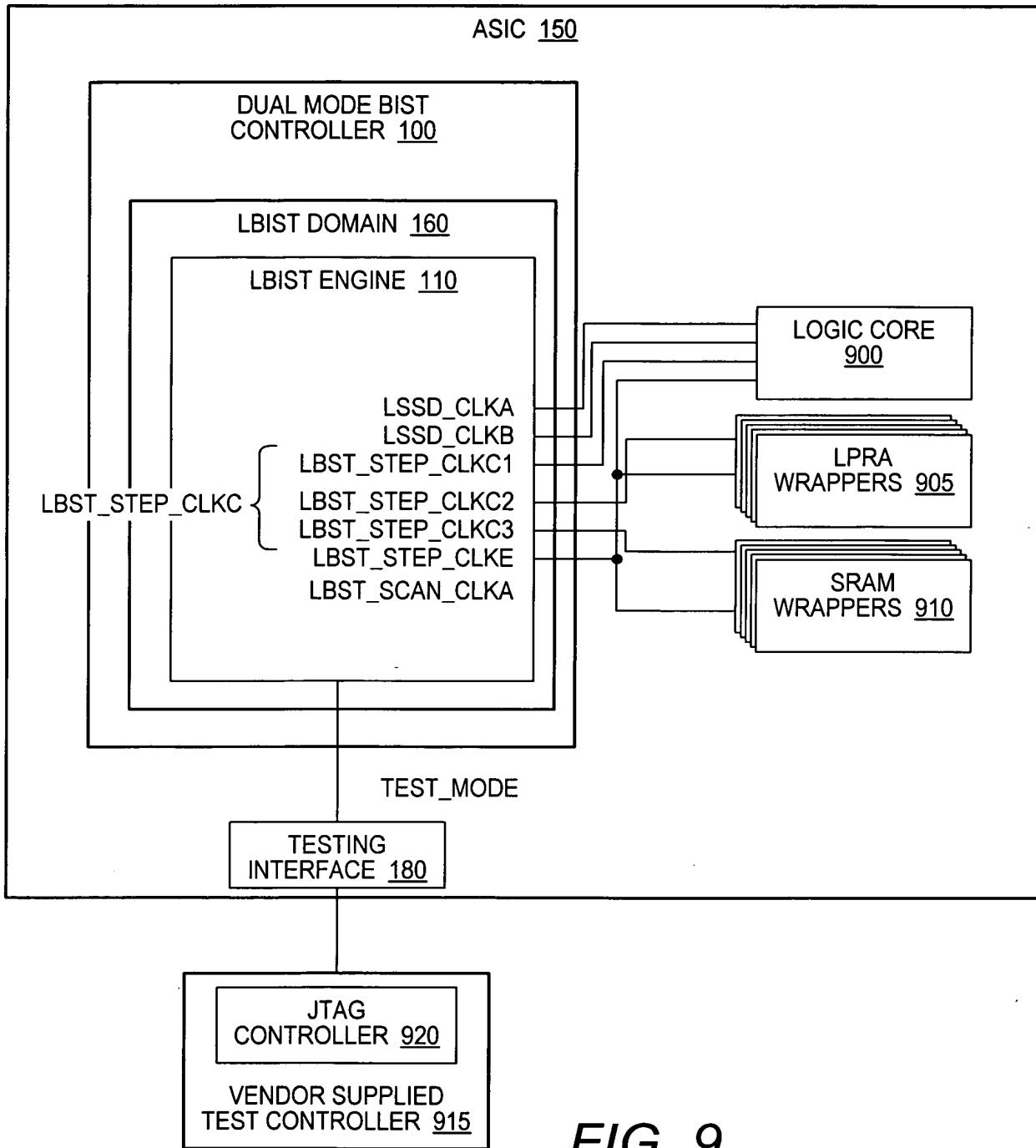


*FIG. 8*



## Replacement Sheet

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*FIG. 9*